



Installation Instructions
Timba 20mm Solid European Oak

Version 1.0
January 2015

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PRE INSTALLATION

Acclimatising your new timba floor

A strict part of your timba flooring warranty conditions are that the solid wood flooring be acclimatised prior to installation in order to find its natural equilibrium. As your timba flooring has been kiln-dried to realise the ideal relative moisture content of 9-12% at the point of delivery it will need to be acclimatised in the room site conditions that it is to be installed for a minimum 72 hours prior to the commencement of the work. It is your responsibility to ensure your site conditions are within the stated requirement.

SITE CONDITIONS

The site in which the floor is to be installed must be weather tight, heating system in operation and all wet trades work must be fully dry. Any damp problems must be remedied in advance of installation taking place. At the time of installation, and thereafter, conditions should be within the range expected when the building is in use. The Relative Humidity (R.H.) of the air should be between 45 and 55% R.H. The temperature should be between 18C and 21C. These figures also apply once the floor is installed. This climate is coincidentally also the most comfortable for people to live or work in. The installer / owner assume all responsibility for the final inspection of both the site suitability and product quality prior to installation in order that the requirements of these instructions are fully complied with. Claims of any nature will not be accepted if a fault was visibly noticeable prior to installation.

Ash-felt and Bitumen based sub-floors are not a suitable base for the installation of solid flooring. We also do not recommend this product for use with under floor heating systems, In these cases Engineered Flooring should be used instead.

SUB FLOORS

This flooring can be laid on most types of substrate flooring which is clean, dry and level, e.g. sand and cement screeds, timber floor boards, chipboard, ply etc. It is the responsibility of the flooring installer to check that the site condition is in a satisfactory state for the installation to take place including all moisture related readings.

CONCRETE & SCREED SUB FLOORS

It is vital that the installer checks the moisture content of the concrete / screed and to satisfy himself that it is dry enough for the flooring to be laid. If measured directly with an appropriate moisture meter, the moisture content should not exceed 4% on a non-destructive moisture meter such as Tramex / Gravemetric weight percent measurement (2.5% CM for Concrete screed / 0.5% CM for Anhydrite screed) or the relative humidity of the air over the screed and should be between 45 and 55% R.H. @ a temperature of 18C–21C.

The screed must be levelled to a tolerance of no more than a 3mm gap showing under a 3M straight edge.

TIMBER SUB FLOORS

Floor boards, O.S.B., plywood or battens are suitable for laying solid flooring on top of. Ensure that if the floor is laid directly over joists that adequate ventilation below floor level is in place and to UK building regulations. In the case of chipboard it is recommended that this be stabilised using a minimum of 6mm plywood prior to installing your solid wood flooring. The same level tolerance of 3mm applies. Note: if installing on existing tongue and grooved flooring, make sure all old floorboards are secure and free of infestation' it is then recommended that you lay the new flooring at 90° to existing floor in order to stabilise any subsequent movement within either of the timbers.

INSTALLATION OF SOLID FLOORS

WE RECOMMEND THAT A PROFESSIONAL FLOORING INSTALLER BE CONTRACTED AND THAT THE INSTALLATION IS BY NAILING OR FULL STICK DOWN METHOD WITH A SUITABLE SPECIALIST WOOD FLOORING ADHESIVE.

On completion of the preceding tasks the following steps should be followed for installation.

1. Under cut the bottom of door frames, wardrobes, etc. to allow for the floor board to fit under it, plus always leave a full 15mm expansion gap around the full perimeter of the floor.
2. Open 4 or 5 packs and "shuffle" the boards to ensure an even distribution of colour and character.
3. The industry standard of 5% waste shall apply for defects and a further 5% for cutting.
4. If you discover a defective piece **DO NOT LAY IT**. You are the final judge of acceptable quality. timba or its dealers will not be responsible for costs associated with installing, finishing and/or replacing of flooring installed with obvious defects.
5. Ideally boards should be laid 'end on' to the incoming daylight. The first board should be laid groove to the wall allowing for a minimum expansion gap of 15mm between the wall and the first board, then continue with the 15mm expansion gap around the full perimeter of the room. Do not butt up against any fixed construction such as wall, door frames, pipes, partitions etc.

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NAIL DOWN INSTALLATIONS

1. It is recommended to use a professional flooring nailer for this product.
2. Our solid flooring boards can be fixed directly onto joists or battens. The joists or battens should be sound rigid and level with moisture content no greater than 12-14% at the time of fixing the solid floor. Where the solid flooring is to be fixed to ground floor joists, adequate under-floor ventilation and appropriate protection against damp must be provided.
3. In the case of battens fixed to a concrete/screed base, the conditions described above should be met; i.e. the base must be dry. The battens should be not less than 36mm wide for a fixed floor and of sufficient depth to accommodate the length of the flooring fixings. End to end joists between battens should be staggered throughout the floor area to avoid creating a line of weakness. Battens are usually laid at 300 – 400mm centres and fixed with either nails or clips or appropriate adhesive to the sub-floor.

GLUE DOWN INSTALLATIONS

1. You must use a professionally formulated specialist wood flooring adhesive that is either alcohol or polyurethane based, always ensuring the manufacturers guidelines are strictly followed on application. Both trowel and glue batten systems are acceptable.
2. It is not necessary to further adhere the tongue and groove system with the above options
3. Always keep glue off the surface area of the boards and do not let any surplus glue dry on the finished flooring as this is very difficult to remove

FINISHING OFF

1. The last board of the first row should be fitted using a puller bar ensuring a 15mm expansion gap at the head of the board.
2. Tapping blocks should be used to tap boards together, direct contact of hammer or mallet on the board edge is not recommended.
3. All perimeter gaps should be covered with skirting or Scotia using cover strips at thresholds.

FLOOR CARE AFTER INSTALLATION

1. Correct humidity and temperature conditions must be maintained within the environment that the flooring is installed.
2. Mats on both sides of entrance ways, not for decoration.
3. Prevent water being walked or leaked onto the floor at all times especially at entrance ways.
4. Do not install this type of flooring in bathrooms, kitchens or conservatories where leaks or excessive humidity may occur. Consult you supplier who will advise.
5. When cleaning use water sparingly and mop dry after cleaning removing all excess water.
6. Immediately remove stains and spillages.
7. Protect your floor by using good quality felt pads under all furniture.
8. Always follow a professional maintenance program.

Warranty Information

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WARRANTY UK

1. Timba Floor is responsible for manufacturing defects.
2. The warranty lasts for 20 years starting from the date of purchase. The original invoice is proof of date of purchase.
3. Timba Floor must be installed correctly according to the above mentioned instructions. The warranty covers normal domestic use. The warranty does not cover the use in damp and wet spaces, such as conservatories, bathrooms and kitchens.
4. Floor boards showing visible defects should not be installed. It is the responsibility of the owner/fitter to deselect these boards at time of installation. These boards can be exchanged at your local timba dealer at no cost. Boards with visible defects that are installed in spite of these instructions are excluded from this warranty. Timba will not be held liable for loss of installer man hours (claims) as if all elements of these instructions are followed the flooring is in good condition for installation first time
5. Finished flooring, i.e. lacquered, stained, oiled, brushed, or other finished flooring is subject to normal domestic wear and is not covered by this warranty, i.e. if you don't maintain the floor correctly, the warranty is null and void.
6. Excluded under this warranty are: scratches, heavy impacts, humidity, and damage caused by incorrect use or lack of correct maintenance.
7. If you have a defect which falls under the conditions mentioned in this warranty, you should report this to your dealer in writing within 14 days after detecting the defect. In your letter you should include a copy of the invoice.
8. The warranty provided only relates to the floor boards supplied, consequently it does not include labour costs, the costs of additional material and any other consequential loss.
9. In case of a dispute arising from the timba floor warranty, either party may call upon an independent expert to render binding advice. In the event that this clause is applicable, the cost of same shall be agreed on in writing by all parties involved in advance.
10. Inspection costs that may apply to climatic or pre-installation checks must be covered by the installer
11. The 20 year warranty period will continue from original date of purchase and will not be affected by subsequent resolution of any complaint.
12. Where the timba floor warranty applies, timba or its distributors will replace the faulty floor boards. In case the product in question is no longer available, timba will ensure replacement by an alternative product of the same quality.
13. This warranty shall apply only to the original owner/purchaser of this wood floor.

WARRANTY WILL NOT BE APPLICABLE IN CASE OF;

1. The floor has not been installed in accordance with these instructions or by a properly qualified professional.
2. The faults were noticeable prior to the floor being installed.
3. Defects and/or faults that have arisen due to dampness and/or water damage, the calamite being outside of the manufactures instructions or by any other instance as a result of force majeure.
4. Defects and/or faults having been caused by improper use or negligence and failure to use the product for its intended purpose, as well as having been caused by having disregarded the instructions with respect to installation, use and maintenance.
5. Visual faults having arisen as a result of changed climate conditions, any variations in colour due to the influence of sunlight and the effects of regular aging and/or wear and tear of the finishing coat.

MANUFACTURING TOLERANCE

ENGINEERED HARDWOOD FLOORS ARE A NATURAL PRODUCT AND AS SUCH ARE SUBJECT TO MANY VARIANCES IN COLOUR AND CHARACTER IN EACH INDIVIDUAL PIECE OF FLOORING, WE ALWAYS THEREFORE RECOMMEND YOU WORK FROM 3-4 PACKS OF FLOORING AT A TIME IN ORDER TO GET THE BEST NATURAL COLOUR MIX. AS SUCH A TOLERANCE OF 5% SHOULD BE ALLOWED FOR THE DESELECTION OF ANY MATERIAL DEEMED UNSUITABLE FOR INSTALLATION. THIS PRODUCT IS PRODUCED WITH A MANUFACTURING TOLERANCE OF + OR - 1.5% ON THE DIMENSION OF THE BOARD AND IN LINE WITH SPECIFIED TIMBER MANUFACTURING GUIDELINES, AS SUCH ANY ITEMS OUT OF TOLERANCE SHOULD BE DISMISSED AS PART OF THE 5% MANUFACTURING TOLERANCE.

	SWI UK / Timba Floor Unit 5/6 Holman Way, Trident Business Park, Nuneaton, Warwickshire, CV11 4PN
	EN 14342:2005+A1:2008 Solid wood flooring with T&G (lacquered) for interior use
Reaction to fire	Dfl-S1
linked with the minimum mean density and minimum overall thickness	18mm 650 kg/m3
Emission (release) of formaldehyde	E1
Emission of pentachlorophenol	<5ppm
Breaking strength (max. load) and span	3.6KN / 400mm
Slipperiness	USRV 100
Thermal conductivity	0.17 W/(mk)
Biological durability:	Class 1

Grading Specification

Timba 20mm Solid European Oak

Grade	PRIME	AB	NATURAL	STANDARD	VINTAGE
Description	Mixed texture, best appearance, selected to assure uniformity in colour.	Mixed texture, with colour variations, no splits, holes or voids.	Mixed texture, wavy grain with colour variations, presence of knots or different dimensions.	Mixed texture, wavy grain with frequent even big knots, however filled. Sapwood may also be present.	Mixed texture, wavy grain with different dimensions of knots, splits however filled. Sapwood may also be present.
Factory Grade	AB	ABC	ABCD	CD	CDE
Grading Mix	A:B = 50%:50%	AB:C = 30%:70%	AB:CD = 30%:70%	C:D = 50%:50%	CD:E = 90%:10%

	A	B	C	D	E
Live Knot	3 allowed diameter ≤5mm	3 allowed diameter ≤10mm	3 allowed diameter ≤20mm	Not restricted	Not restricted
Factory Grade	Not allowed	2 allowed diameter ≤5mm, sparse	2 allowed diameter ≤15mm, sparse	5 allowed, diameter ≤50mm	5 allowed, diameter ≤50mm
Holes	Not allowed	Not allowed	Not allowed	2 allowed every 1000mm in board length, diameter < 30mm	Not restricted
Sapwood	Not allowed	≤10% of plank's width (mending)	≤20% of plank's width (mending)	≤30% of plank's width (mending)	Not restricted
Colour Variation	Not allowed	Natural and Harmonic	Natural and Harmonic	High Contrast is not allowed	Not restricted
Rot	Not allowed	Not allowed	Not allowed	Not allowed	Not allowed
Inbark	Not allowed	Not allowed	Not allowed	2 allowed every 1000mm in board length, size <40mm x 5mm (mending)	3 allowed every 1000mm in board length, size <80mm x 5mm (mending)
Pith	Not allowed	Not allowed	Not allowed	Not allowed	Not allowed
Splits / Cracks	Not allowed	Not allowed	Not allowed	End splits, Size ≤15cm x 3mm (mending) Central splits, 2 allowed, Size ≤15cm x 3mm (mending)	End splits, Size ≤ 20cm x 3mm (mending) Central splits, 2 allowed, Size ≤20cm x 3mm (mending)
Brown Line	Not allowed	Not allowed	4 allowed, sparse, length ≤15mm width 3mm	4 allowed, sparse, length ≤30mm width 5mm	6 allowed, sparse, length ≤30mm width 5mm
Stains	Not allowed	Not allowed	Not allowed	Not allowed	Slight
Wormholes	Not allowed	Not allowed	Not allowed	Not allowed	Not allowed
Wane	Not allowed	Not allowed	Not allowed	Not allowed	Not allowed
Discolouration	Not allowed	Not allowed	Not allowed	Slight and Natural	Slight and Natural

*all grading is subject to a tolerance of +/- 5%

Please consult the end label of the box to confirm the grade of material you have purchased.



Timba floor is brand imported by SWI-UK BV,

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www.timbafloor.com